WARSHIPS AT A GLANCE

—

FRED T. JANE

VA
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WARSHIPS
AT A
GLANCE

SILHOUETTES OF THE
WORLD'S FIGHTING SHIPS

BY THE SAME AUTHOR.

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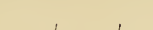
BRITISH.

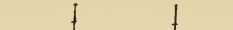
NOTE.—Uniform scale throughout the book,
320 feet equal one inch.

AC Raven (*diving school*)

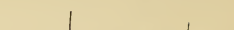
AQ Argus, etc (*seaplane carriers*)



AH Adamant *class* (2)

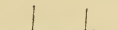


AI Maidstone.



AJ Enchantress (*Admiralty yacht*)

AK Gunboats (*gunnery training*)



CQ Beagle *class* (4

CH Forth & Thames (*submarine depôts*)

DH Majestic *class* (*vary in details*) (twin Turrets)

EQ Tyne (*hd depôt*)

EH Assistance (*repair ship*)

EI Cyclops (*repair ship*)

EJ Aquarius (*distillery ship*)

FN Opis *class*

FO Petroleum, etc. (*oil ships*)

FP Maine (*hospital ship*)

FZ Hecla (*depôt ship*)

G Orion *class* (4 ships)

H Colossus *class* (5 ships)

I Iron Duke (4 ships) & King George V *classes* (4 ships)

J Dreadnought

K Neptune

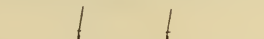
L St Vincent & Téméraire *classes*

GH Lord Nelson *class* (2 ships)

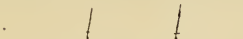
GI King Edward *class* (first 5 ships)

GJ Queen Duncan London Formidable & Canopus *classes*

HG Swiftsure *class* (2 ships)

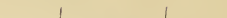


HI ECLIPSE *class* (8 ships) also



HI ECLIPSE *class* (1 ship *Talbot*).
(*Note different funnels and mid as compared to Blake, and rig as compared to Crescent*)

HJ ASTRAEA *class* (8 ships)
(*Compare with Edgars—mistakes easy*).



HK VULCAN

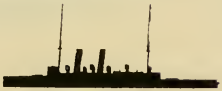
HL EDGAR *class* (6 ships)
(*Funnels in this class vary in thickness*).

IQ CRESCENT *class* (2 ships).
(*Note the high forecastle in comparison with the Edgars*).

JQ APOLLO *class* (11 ships).

JH PELORUS *class* (11 ships)

JK PHILOMEL



JL BLAKE & BLENHEIM

KH Torpedo gunboats (*minelayers, etc.*)
SEAGULL SHARPSHOOTER

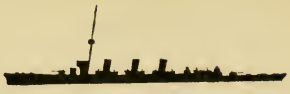
HALCYON *class*.

KH Torpedo gunboats
ALARM *class*

GOSSAMER *class*

LN LEANDER (*1 b.d depôt*).

NA P F & S light cruisers *class* (6)



ND Aretusa *class*

P Indefatigable

Q Invincible *class* (3 ships)

QQ Monmouth *class*

RQ Challenger and Highflyer *classes*

RH Arrogant class

RI Gem *class*

RJ Sleuth

FOUR FUNNELS, ONE MAST

U Lion & Queen Mary *classes* (4 ships)

SA Adventure *class*

SB Bellona & Blanche *class*

SB Boadicea

SI Town *class* (Vary in details)

, Note in three, different positions of fire control platforms

TQ Devonshire *class* (6 ships)

TH Duke of Edinburgh *class* (2 ships)

TI Warrior *class* (4 ships).
Slight differences in old 4.)

VG Drake *class* (4 ships).
(Note.—Only Drake is without afterbridge).
Details per ship differ.

VH Cressy *class*, (6 ships).
(Funnels closer than to Drake class)

VL Diadem *class* (4 ships).
Distinguished from Cressy class by absence of big guns forward and

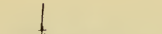
VJ Minotaur *class* (page 55)

TWO FUNNELS

t "I" class t. b. d

NO Modern t. b

E "E" class t. b. d



E "E" class t. b. d

D "D" class t. b. d

A "A" class t. b. d.

ON Older t. b

THREE FUNNELS

H Acorn "H" class

F Ocean "F" class t.b.d

C "C" class t. b. d. d

K Acasta "K" class.

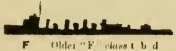
S Swift t.b.d

G "G" class

A "A" class t. b. d.

FOUR FUNNELS

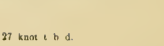
F [illegible]



F Older "F" class t. b. d

E "E" class t. b. d

B "B" class t. b. d



A "A" class 27 knot t. b. d.

F Viking; Ocean "F" class t.b.d

ONE FUNNEL

A (2) Orontes and Otway (Orient) (18 kts)

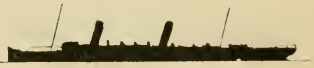
F (2) Victorian and Virginian (Allan Line) (18 kts)

B Laurentic and Megantic (18 kts)

TWO FUNNELS TWO MASTS

C (5) Macedonia class (P & O) (18.5 kts)

D Persia Arabia Egypt China India (P & O) (18 kts



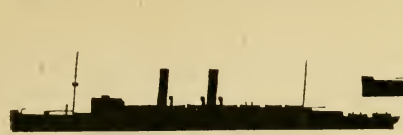
E Ophir (Orient Line) (18 kts)

G Empress of Britain (C P R) (20 kts)

H Majestic (White Star) (20 kts)

I Campania (Cunard) (22 kts)

J (2) Caronia and Carmania Cunard, (18 kts)



L Franconia and Laconia (20 kts.)

M Royal George and Royal Edward (18 kts.)

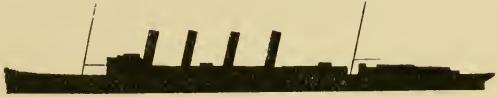
P Teutonic (White Star). (19 kts.)

N Oceanic (White Star). (21 kts.)

O Adriatic (White Star). 18 kts.

V Olympic (21 kts.)

Z (2) Empress of Asia and Empress of Russia



W Lusitania (Cunard). (25 kts.)

X Mauretania (Cunard). (25 kts.)

GERMAN.

AB Vaterland class *(river gunboats)*

AO Delphin *(tender)*

AD Fuchs *(tender)*.

Württemberg *(school ship)*

BH Vulkan *(special submarine ship)* *(Twin funnels)*

BI Planet *(survey)*.

CH Hai *(tender)*.

DH Pelikan *(mines and torpedo depôt)*

EH See Adler class *(page 142)* *(3 ships)*

EI Greif *(page 142)*.

HI Kaiser Friedrich *class*

HJ Wittelsbach *class* (5 ships)

HK Furst Bismarck

HL Prinz Heinrich

H Sevdlitz

I Nassau *class* (4 ships)

IJ Blucher

J Von der Tann

K Moltke *class*

LH Brandenburg *class*

LJ Siegfried *class* (8 ships)

LK Heligoland *class* (4 ships)

L Kaiser *class*

NH Braunschweig *class* (5 ships)

NI Deutschland *class* (5 ships)
(Compare funnels with Braunschweig)

NJ Prinz Adalbert *class* (2 ships)
(Much lighter than battleships in appearance)

N Helgoland *class* (4 ships)

NK Freya

NL Gefion

OI Bremen *class* (8 ships)

OJ Danzig & Leipzig

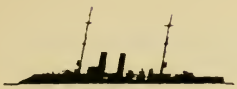
PH Kolberg *class* (4 ships).

PI Dresden & Emden

QH Kaiserin Augusta

PK Koenigsberg

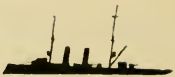
PL Stettin *class* (3 ships)



IH Frauenlob class (3 ships)
Fatter funnels than Gazelle.

IK Nymphe class (5 ships) and Niobe
(Shorter than Arkona and thinner funnels)

IL Gazelle
(Coming lower and bridge between funnels.)



JH Albatross (more taper).

JI Lucha class (4 ships)

JQ Jaguar class (2 ships)

Blitz class (turbine-driven)

JM Hela

LM Nautilus (more taper)

Undine (tender)

Otter (fleet gunboats)

LS Hohenzollern (yacht)

UH Breslau & Karlsruhe *class* (8 ships)

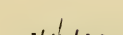
VI Roon *class*) (2 ships).

VJ Scharnhorst *class* (2 ships).

A t.b. T 73—43

B t.b.d. D 6.

H t.b.d D 9—7 & 5—3



G t.b. G 88 - 89

t.b.d G type (older boats) t.b.d S type

J t.b.d D 10.

K t.b.d Tarp.

t.b.d. V type

Latest type t.b.d

G 173—169

t.b.d G 197—172

H Berlin (N D L.) (18 kts — 17,300 tons g.)

I George Washington (N D L.) (19 kts — 27,000 tons g.)

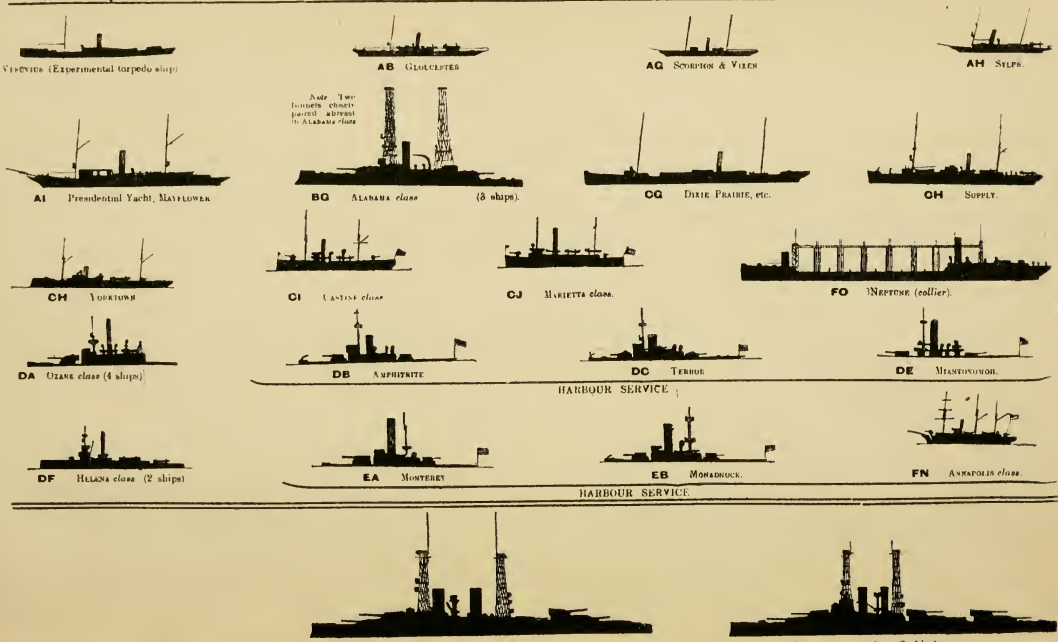
N Imperator & Vaterland (H A P A G.) (23 kts — 50,000 tons g.)

R Kaiser Wilhelm der Grosse (N D L. (23 kts — 14,350 tons g.)
Kronprinz Wilhelm (N D L.) (23.4 kts — 15,000 tons g.

T Kaiser Wilhelm II (N D L.) (23.5 kts — 19,300 tons g.)
Kronprinzessin Cecilie (N D L. (23.5 kts — 19,500 tons g.)

UNITED STATES.

U cone. (1913 system). U. S. WARSHIPS (ONE FUNNEL) IDENTIFICATION AND SIGNAL SILHOUETTES. *(Copyright.)*



H Utah *class* (2 ships).

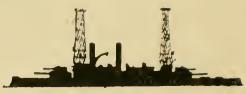
I S Carolina *class* (2 ships).

K Delaware *class* (2 ships).

HG Idaho *class* (2 ships).

HI Indiana *class* (3 ships).

HJ Iowa



HL Kearsarge *class* (2 ships).

IG Detroit *class*

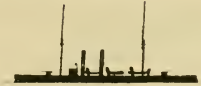
IH Nashville.

IJ Isla de Luzon

IK Cincinnati

JL Minneapolis

KG Chattanooga *class* (6 ships).



KH Raleigh

KI Olympia

KL Baltimore

LG Chicago.

LH Newark.

LI Albany *class* (2 ships).

LJ Paducah *class* (2 ships)

LK San Francisco

NG MAINE *class* (3 ships)
Note—*Low freeboard aft. Ohio has shorter funnels than her sisters*

NH KANSAS *class* and LOUISIANA *class* (6 ships)

Funnels of NEW HAMPSHIRE

To differentiate, note big turrets

OG NEW JERSEY *class* (5 ships)

PG BROOKLYN

PH NEW YORK

VG COLUMBIA

Same general appearance as *California* class
Washington has not yet had a cage mast fitted.
Montana and *N Carolina* funnel casings low, like *New Hampshire*

WG WASHINGTON *class*

WH CALIFORNIA *class* (6 ships)
There are minor differences in this class (see page 179)

XG ST. LOUIS *class* (3 ships)

YG SALEM & BIRMINGHAM

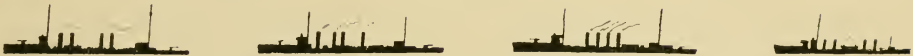
YG CHESTER

H 3rd class t b I Somers t b

J Farragut & Goldsborough t b K Barney *class* 3 t b. L Rogers *class* 3 t b M Dahlgren *class* 2 t b N Morris t b and 2nd class t b

O Stringham t b P Shubrick *class*. 7 t b R Foster t b G Roe t b d Z Bailey

S Whipple. W Truxton & Worden V. Hull *class* (2) Y Lawrence *class* (2)



S Smith *class* t b d S Smith *only* of Smith *class* C Paulding & Ammen *class* t b d. X Bainbridge *class* (9)

U S LINERS of 18 kts or over UM cone.

J Philadelphia and New York (20 kts.) K St Louis and St. Paul (19 kts.) L Korea and Siberia (18 kts)

JAPANESE.

ONE FUNNEL.

AB SUMIDA (*river gunboat*)

AC ISHIKUSHIMA *class* (2 ships)

AG TAKACHIHO

AH KARASAKI (t.b. depôt)

AN TOYOHASHI (t.b. depôt)

AO CHIYODA

TWO FUNNELS

GA FUSHIMI (*river gunboat*)

GB YODO

GC AKASHI

GD SUMA

HA KASUGA *class* (2 ships)

F FU-SO

G SATSUMA

H TSUKUBA *class* (2 ships)

HG IWAMI

TWO FUNNELS. (*continued*)

HI Fushō

HK Iki

IH Katori

IH Kashima

IK Mikasa

IL Asahi

KQ Fuji

KH Okinoshima *class* (2 ships)

KI Asama *class* (2 ships)

KL Akitsushima

LQ Chiyoda

LH Kasagi *class* (2 ships)

THREE FUNNELS

NA Mogami

N Kawachi

O Aki

OG Suwo

OH Sagami

P Kongo

PG Shikishima

PH Idzumo *class*

Q Kurama (Ibuki same without tripods).

QG Hizen

QH Yakumo

QI Tsugaru

QK Azuma

RG Tatsuta

RH Nisshin *class*

RI Otowa

RK Tone

JAPANESE WARSHIPS (FOUR FUNNELS) IDENTIFICATION AND SIGNAL SILHOUETTES. *(copyright.)*

J cone. 1913 system.

YQ Aso

YH Soya

YI Chikuma *class*

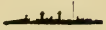
TORPEDO CRAFT *(page 243, et seq.)*

JT cone.

B Old t b

TWO FUNNELLED TORPEDO CRAFT

G Two Funnel Destroyers **H** Schichau t b



I Yarrow t b.

K Asaka *class* t b

L Hayatmsa *class* t b

N Sakura

V Older Four Funnel Destroyers

X Yamikaze

JAPANESE FAST MERCHANT LINERS **JM** cone.

G Tenyo Maru *class* (3), 21 kts. *(Toyo Kisen Kaisha)*.

Tenyo Maru, Chiyo Maru, Genyo Maru.

13 450 tons gross Displacement 21 000 tons War Armament 2—6 in., 6—12 pdr

H 2 new ships *(T K K)*

War Armament 6—6 in., 10—12 pdr.

FRENCH.

FRENCH WARSHIPS (one funnel) IDENTIFICATION AND SIGNAL SILHOUETTES

F cont

BA Trehouart

CN Drome

DN Modern Screw Gunboats

DO Mascue class (Avisos Transports)

GH SUFFREN

GI CHARLEMAGNE class (3 ships)
Distinguished from Suffren by funnels

GJ BOUVET

GL CARNOT

HG CHARLES MARTEL

HJ JAURÉGUIBERRY

HK HENRI IV

HL BOUVINE

IK FURIEUX

JQ MASSÉNA

FRENCH WARSHIPS (two and three funnels) IDENTIFICATION AND SIGNAL SILHOUETTES **F** cone

KN Descartes

KR Lavoisier

KS D'Estrees

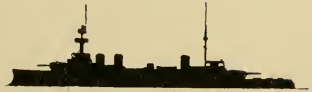
KT Bruix *class* (2 ships)

KU D'Iberville

KV Cassini *class* (2 ships)

KW Dunois *class* (2 ships)

LN Kersaint



NG Verité & République *classes* (6 ships)

OG Du Chayla *type*

PG Foudre

QG D'Estrecasteaux

RG Pothuau

N Courbet

FOUR FUNNELS

UC Courbet

VG Guichen

VH Desaix *class* (3 ships)

VI Michelet

VJ Jurien de la Gravière

VK Aube and Montcalm *classes* (7 ships)
Impossible to differentiate these classes except quite close

FIVE FUNNELS

X Dantos *class* (6 ships)

VL Gambetta *class* (3 ships)

SIX FUNNELS

YG Waldeck Rousseau *class* 2 ships)

YH E. Renan

YI Jeanne D'Arc

B 1 funnel t b

C Old sea going t b

G Latest 2 funnel t b H Earlier 2 funnel t.b.

I Early 2 funnel destroyers

J Takou

O Janissaire t b.d

P Lansquenet t b d

X Old 4 funnel destroyers

Y Stahl & Fantassin *class* t b.d

Z Bouclier *class* t b'd

FRENCH LINERS of 18 knots or over

FM cone

C La Lorraine (*C G T*) (1900), 11,400 tons 21 kts La Savoie (1900), 11,100 tons (21·5 kts) La Provence (1905), 14,000 tons (22 kts)

H La Touraine (*C G T*) (1890) 8300 tons (19·5 kts

J Espagne (*C G T*) (1909) 11,100 tons (20 kts.

N Burdigala (*C de Nav Sud Atl*) (1897), 12,500 tons (18 kts

O Gallia Lutetia Massilia (1913), (*C de Nav Sud Atl*) 14,500 tons (20 kts

P Patria (1914), (*Cyprien Farbe & Cie*) (18 kts.)

S La France (*C G T.*) (1910), 22,700 tons (23·5 kts)

ITALIAN.

ONE FUNNEL

AB CICLOPE

BG C di MILANO

BH VULCANO

BK PALINURO

CC [illegible]

CH ATLANTE

CJ BROWER *class Colliers*

DO SAETTA

DP VESPUCCI *class*

EN CALABRIA

EO GARIBALDINO

EP CURTATONE *class*

TWO FUNNELS (one mast)

GA AGORDAT

GB PIEMONTE

GC PARTENOPE *class*

GD INDIA

HA ST BON *class*

HB G GARIBALDI *class*

HC SARDEGNA *class*

Note—Two funnels forward—closely trunked.
Funnels vary in shape.

TWO FUNNELS

JG Regina Margherita
Note Two funnels forward, closely paired
As Margherita but shorter funnels Benedetto Brin

JH Dandolo

JK Carlo Alberto class

JL Marco Polo

JM Giovanni Bausan

KC Lombardia class

KH Elba

KJ Etna

KL Tripoli

KL Goito

LK R. Yacht, Thisa ria

LM Galileo

J C di Cavour class

THREE & FOUR FUNNELS

MA Pisa *class*

MB Napoli & Roma

NG V. Emanuele & R. Elena

NO Libia

OG Quarto

PG Montebello

TB San Giorgio *class*

TG Italia

U D. Alighieri

VG Marsala

TORPEDO CRAFT **I T** cone

G t b Sauro *class*

H t b Pisano *type*

J t b. Ardone *type*

K t b Orsa *type*

L t b Cigno *type*

M t b [illegible]

N Aquila *class* t b

O t b Espero and Pegaso

Q t b Animoso & Ardito

P Nembo *class*

V Lampo *class*

W Espero

X Artigliere *class*

Y Aviere

Z Impavido & Ardito *classes*

AUSTRIAN.

BC WIEN *class*

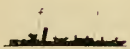
SPLATAN

GIGANT

CB METEOR

PLANET

CE TRABANT

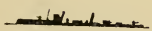


Sebenico & Zara

Lussin

Pelikan

Cyclop.



QB MAGNET

K E RUDOLF

MARS

LAKROMA.

HQ LEOPARD *class* (2 ships)

HI K F JOSEF *class*

HJ ZENTA *class*

IQ K U K MARIA THERESIA

IH HABSBURG *class* (3 ships).

J TEGETHOFF *class*

JQ E F FERDINAND *class* (3 ships)

MIRAMAR

THREE FUNNELS

NQ Kaiser Karl VI

NH Erzherzog Karl class (3 ships).

NI St Georg

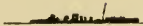
OQ Gaea (*repair ship*).

PB Satellit

SG Admiral Spaun

AT cone. TORPEDO CRAFT

S Destroyers



Q Latest t.b.

R Earlier t.b.

RUSSIAN.

AQ VOLGA

AH MINREP, ETC. (*minelayers*).

BQ POSADNIK *class*

BH KHRABRI

BJ GRUZIASTOHY

CH PETSORA

DH BAKANE AND SHATUN

DI LACHTA

DJ EUROPA

DK AFRICA

EM MANDJUR

EK NAROVA (*minelayer*).

EN VOINA (*training Ship*)

FU NIKOLAIEFF

GA KHIVENETZ

GH GILIAK *class* (4 ships)

HF IMPERATOR PAVEL *class* (2 ships)

IG SLAVA

IH TSESSAREVITCH

ALEKSANDR II OR PEDR VELIKY

JI GANGOUT *class* (4 ships)

JJ AMUR *class* (*Mine-layers*)

KN Standart (*Imperial Yacht*)

BALTIC, Etc.

MQ AURORA

MH BOGATYR *class*

NC RURIK

DWINA *(harbour service).*

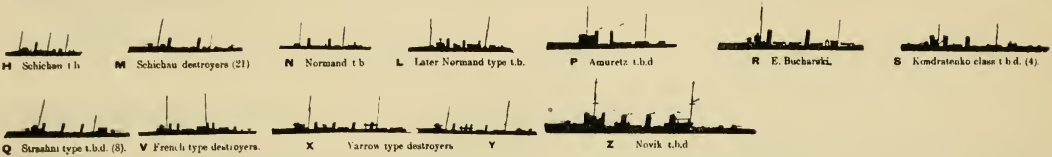
OQ OKEAN *(training ship)*

PR JEMTCHUG

SQ ROSSITA & GROMOBOI

TG BATAN *class* (3 ships)

VQ ADMIRAL



H Schichau t.b. M Schichau destroyers (21) N Normand t.b. L Later Normand type t.b. P Amuretz t.b.d. R E. Bucharski. S Komdratenko class t.b.d. (4).

Q Straahni type t.b.d. (8). V French type destroyers. X Yarrow type destroyers. Y Z Novik t.b.d.

RM cont. RUSSIAN SUBSIDISED OR GOVERNMENT LINERS OF 18 KNOTS OR OVER

J Saratov (18 kts.) K Petersburg (18 kts.) L Kherson (18·5 kts.)

N Smolensk (20 kts.)

BLACK SEA FLEET ONLY

CH Bug & Duna

CN Terets *class*

CASPIAN.

Kars & Ardigan

HK Almaz

IJ Georgi Pobiedonosets *class*

IK Rostislav

IM Tri Sviatitelia

LQ Berezan (*Training Ship*).

LX Kronstadt (*Repair Ship*)

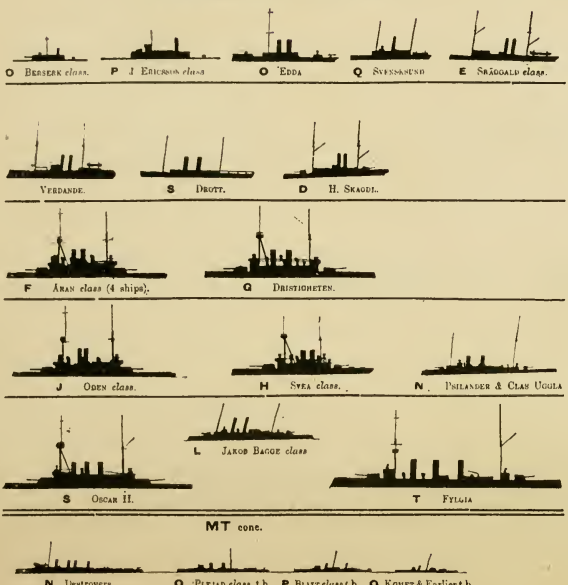
MH Kagoul *class*

OH Ievstafi *class*

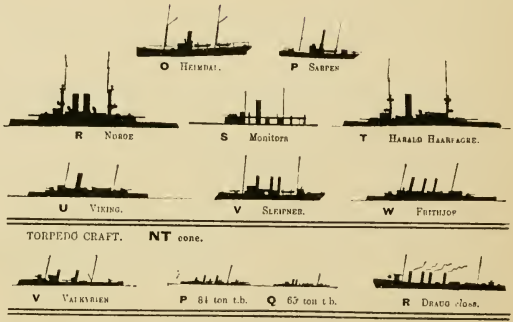
OI Panteimon

SWEDISH & NORWEGIAN.

SWEDISH FLEET.



NORWEGIAN FLEET.



INSIGNIA OF RANK ON SLEEVES

	Admiral.	Vice-Am.	Kontre-Am	Kommandor	Kommandor-kaptein	Kaptein	Premier-Lotnant	Sekond-Lotnant.
British or *U.S.A.*	"	*Vice-Ad*	*Rear-Ad*	*Commodore*	*Captain.*	*Commander*	*Lieutenant*	*Sub-Lieut.*

In relative rank Engineers have the same *without curl*
" " Doctors " " " and a *red* passepoil above upper stripe.
" " Paymasters " " " " *blue* " " "

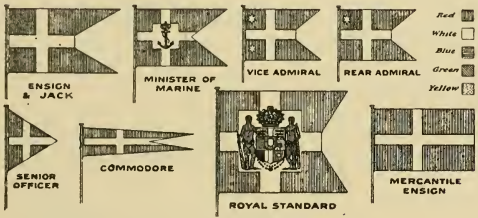
General Notes - Personnel About 1400 permanent, 1000 yearly conscripts, all seafaring men in reserve. *Minister for Defence* (February, 1913). General-Major Kelthau *Chief of Staff* Kommandor Berglund. *Commander-in-Chief*: Kontre-Adm. Dawes. *Colour of Ships*: French Grey.

DANISH.

DANISH FLEET.

D conc.

Officially revised.

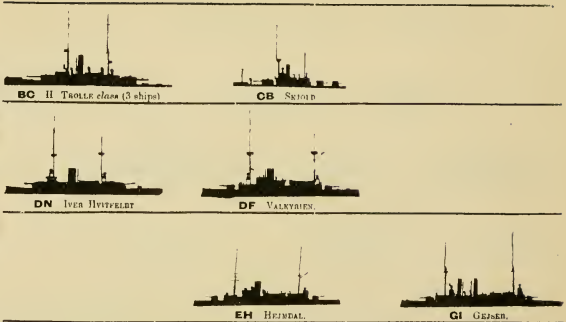


Note – Admiral has two stars in upper canton, one in lower; Division flag pennant, otherwise as commodore.

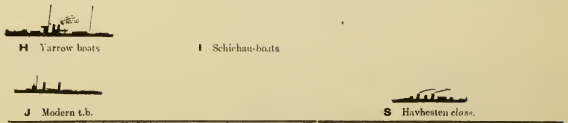
Personnel About 4000, all ranks.

Arsenal.

COPENHAGEN. Dockyard. Dry docks (*a*) 288 × 59½ × 20½ feet,
(*b*) 106 × 27½ × 8 feet (Floating, No. 1),
(*c*) 113 × 45 × 12 feet (Floating, No. 2);
(*d*) 412 × 23 × 20½ feet (Patent slip)



TORPEDO CRAFT **DT** conc.



Private Establishments.

COPENHAGEN (BURMEISTER & WAIN). Two medium building slips Dry dock 469 × 66 × 23 feet, and three patent slips. New dock 492 × 77 × 25 feet.
GAMLE. One slip. One dry dock 232 × 52 × 15½ feet.
COPENHAGEN FLOATING DOCK CO. One floating dock 296 × 50 × 17 feet
There are also at Copenhagen two small patent slips.
ELSINOR. Dry docks (*a*) 379 × 57 × 18 feet (New Dock);
(*b*) 335 × 43 × 14 feet (Elsinor Dry dock);
Also a patent slip.
AARHUS. Patent slip, able to take a small torpedo boat.
Mercantile Marine: 558 steamers of 398,238 tons. 3,450 sailing, mostly fishing craft, etc Sea trade chiefly with England, Sweden and Norway.
Overseas Possessions: Iceland, Greenland, Faroes Islands, Danish West Indies (St. Thomas, St John, and St. Croix).
Coinage: Krone (100 ore) = about 1*s* 1*d* British, 50 cents U S A
Minister of Marine · M Krabbe.

DUTCH.

AG [illegible]

AI Heemskerck

AJ De Ruyter, H Hendrik and K Regenter

BQ Koetei *class*

CA R Claeszen

DG Piet Hein *class*

EM Schiras
(Training Ship)

EN Zeehond

EG Dolfijn

FA Bellona

AX Rhijnland *class*

GI Holland *class*
(after refit

IJ Zeven Provincien

TORPEDO BOATS **HT** code.

K Sea-going boats L Modern 1st class t.b M Admiralen, etc

W Wolf *class* t.b.d.

New Programme.

One battleship, *pro* . Displacement,* 7600 tons. Armament 4—11 inch, 10—4 inch, 3—21 inch torpedo tubes. Armour 6" belt, 8" turrets. Machinery 2 sets triple expansion. Yarrow boilers. Designed H.P. 10,000 = 18 kts.

SPANISH.

B España

BQ Nueva España *class*

BJ Delfin *class*

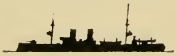
BH Bonifaz *class*

BI Numancia (gunnery school ship)

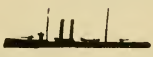
CN Giralda *(R Yacht)*

DN Inf Isabel

GH Estramadura



GI Rio de la Plata



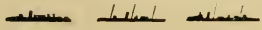
GJ D Maria de Molina *class*

KG Pelayo

LQ Cataluna *class*

NG Carlos

TORPEDO CRAFT **ST** cone.



K Acevedo *class* t.b **L** Habana t.b **M** Azor t.b

N New t.b

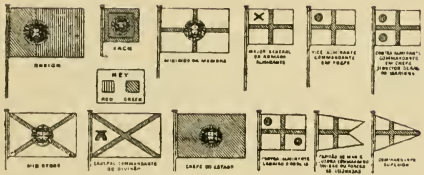
P Bustamente *class* t.b.d

Q Old destroyers.

PORTUGUESE.

PORTUGUESE FLEET.

Revised by order of the Minister of Marine

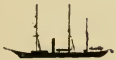


P cone **Identification and Signal Silhouettes.**

AB Save class (2)

BG S Gabriel

CH Beira class (2)



DM Rio Sado.

EM Diu

EN Zaire.

GA Patria

HF Vasco da Gama

IF Adamastor.

IG Republica.

IH 5 de Outubro

IJ Almirante Reis

Base (1) Lisbon, 4 small docks New docks projected.

Mercantile Marine 66 steamers of *about* 70,000 tons, *about* 259 sailing of *about* 44,000 tons

Trade Ports Lisbon and Oporto

Overseas Possessions Cape Verde Islands, Guinea (Senegambia), St. Thomas and Prince Islands (Gulf of Guinea), Timor (East Indies), Goa, Pemao and Diu (India), Macao (China), Angola (Congo), Portuguese East Africa

Coinage Escudo (1000 reis) = 4s 5d British, $1.00 U.S.A 4500 reis = £1 English.

New Programme.

3—20,000 ton battleships
3 cruisers.
12 destroyers of 820 tons
6 submarines of 350 tons.
3 wireless stations

PT cone. TORPEDO CRAFT

A t.b (4)

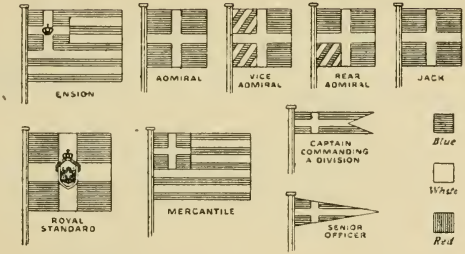
F Tejo (reconstructed).

L Douro class (2)

GREEK.

GREEK FLEET.

(Officially revised, 1914, by order of the Minister of Marine).



Arsenal: Salamis.
Mercantile Marine: 287 steamers of 304,450 tons, 1033 sailing of about 145,000 tons.
Chief Ports: Piræus, Syra, Volo, and Salonika.
Oversea trade chiefly with England, Russia, and Austria.
Coinage: Drachma (100 lepta) = about 9½d. British, 18 cents U.S.A.
Personnel: About 4000 (conscript 2 years or enlistment).

Other branches, without the curl:—
Surgeons: *purple velvet.*
Apothecaries: *green velvet.*
Constructors: *black velvet.*
Engineers: *violet velvet.*
Paymasters: *scarlet cloth.*

O cone.

OT cone.

TURKISH.

BA MEDJI-I-ZAFFER & AVNILLAH

EG AINTAB *class*

FG MARMARIS

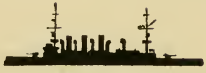
QH HAIRREDIN BARBAROSSE *class* (2 ships)

HA MESSUDIYEH

IQ PELENK-I-DERIA

JH PEIK-I-SHEVKET *class*.

J OSMAN I



MG MEDJIDIEH.

MQ HAMIDIYEH.

TORPEDO CRAFT T First substitute, cone.

A Antalia *class* (4) t.b

G Yadikiar Milet *class* (4) t.b.d.

French *Forbin* type
2 funnels.

H Hamid Abad *class* (4) t.b.

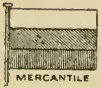
I Samsoun *class* (4) t.b.d.

S Abdul Mejid t.b.

BULGARIAN & ROUMANIAN.

BULGARIAN NAVY.

Officially revised by the Ministry of Marine.



BA cone

Note that the red of the flag is crimson

ROUMANIAN NAVY.

Personnel: About 1500.

ARGENTINE.

BRAZIL. CHILI.

F Libertad *class.*

H Patagonia

K Almirante Brown.

L Rosario & Parana

M Presidente-Sarmiento

N Belgrano.

O Pueyrredon

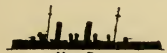
P Garibaldi

Q San Martin

R Buenos Aires.

S 9 de Julio.

T 25 de Mayo



U Patria

V Espora.

X Rivadavia *class* (2 ships)

TORPEDO CRAFT **ET** cone

H Yarrow t.b

K Thornycroft t.b.

P Old Yarrow destroyers

Q Brosse & Fouché t.b.d

R Schichau t.b.d

S Krupp t.b.d

AG REPUBLICA

AH GUST SAMPAIO

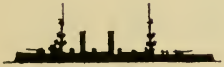
BG DEODORO *class*

BG TIRADENTES

CG BENJ. CONSTANT.

GA PARIA *class* (3 ships)

H MINAS GERAES *class* (2 ships)



IG BARROSO.

JG TAMANDARE

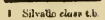
KG TIMBIRA

KG TUPY & TAMOYO

TORPEDO CRAFT **ZT** cone.

G Destroyers.

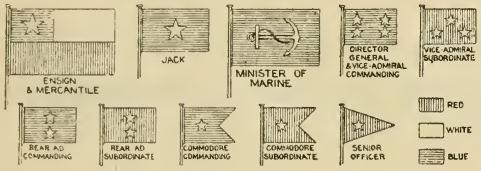
H Goyaz t.b.



I Silvado *class* t.b.

CHILIAN FLEET.

Officially revised 1913 by order of the Minister of Marine



Corresponding British or U.S.	*Vice-Ad.*	*Rear-Ad.*	*Captain.*	*Commander*	*Lieut Comdr*	*Senior Lieut*	*Junior Lieut*	*Sub Lieut*	*Midshipman*

Other Branches the same without the star, and colours as follows:—Engineers (blue), Paymasters (white), Doctors (red).

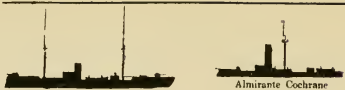
Personnel About 7500, of whom about 1000 are conscripts, the rest volunteers

Mercantile Marine: 95 steamers, of 68,268 tons net; 51 sailing vessels, 40,570 tons net.

Bases: *Talcahuano* One dry dock, 545 × 80 × 26½ feet One dock building, 742 × 107 × 39 feet. One small floating dock, 216 × 42 × 15 feet.

Valparaiso Two small floating docks, 300 × 68 × 19 feet and 265 × 60 × 15 feet.

Cl cone.



A P Errazuriz.

Almirante Cochrane (*Torpedo School*).

D Jeneral Baquedano

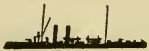
E Capitan Prat.

Q Blanco Encalada

F Esmeralda.

J Chacabuco.

K Ministro Zenteno.



N Tomé *class*

O Jeneral O'Higgins.

TORPEDO CRAFT **CIT** cone.

K 1 Hyatt *class* t.b.

M Thompson t.b d.

Q Orella *class* t.b.d.
(Also with higher funnels).
O'Brien *class* t.b.d.

R Lynch *class* t.b.d.

CUBA. ECUADOR. HAYTI.
MEXICO. PERU. COLOMBIA.
URUGUAY. VENEZUELA.
SIAM. EGYPT. CHINA.

CUBA.

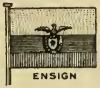
Cuba

Patria

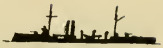
10 de Octubre

Hatuey

ECUADOR.



ER cone.



M Bolivar.

H Papin.

L " Cotopaxi.

S Tungurahua.

MEXICO.

O Gen. Guerrero — P Progreso. — H Tampico *class.* — Independencia, etc. (*Harbour service.*) — J Zaragoza — N Bravo *class.*

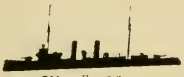
HAYTI.

F *Ex* Umbria — K Pr A. Simon.

L C. La Mort — N Ferrier. — M T L'Ouverture.

URUGUAY

AO 18 de Julio



GH Uruguay

COLOMBIA.

CA tons.

K A Leto

PERU.

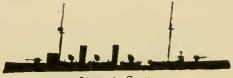
PU tons.

G Chalaio.

V Iquitos

O C. Bolognesi.

Q Lima



N A. Grau

R Constitucion

S Ex Dupuy de Lôme

VENEZUELAN NAVY.

G Zamora

K Miranda.

M Zumbador

L Restaurador

N 23 de Mayo.

P Bolivar.

Mariscal Sucre

H Margarita t.b.

Arsenal dock 300 × 45 × 16 feet 40 ton sheer-leg
Personnel 5000 Reserve 20,000

SIAMESE SHIPS.

(Revised in Siam).

New Programme.
1 cruiser *building* at Elswick.

Maha Chakkri

Mahit Rajakumar.

Sriya Montrion

Hali & Sugrib

Destroyers

t.b.

EGYPT.

Mahroussa

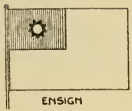
Abbas

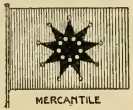
Nour-el-Bahr.

Reschid

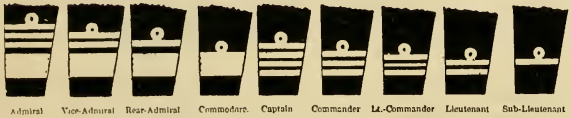
Abdul Moneim

CHINESE FLEET.





Uniforms.



New Programme.

One cruiser of 4900 tons three cruisers of 1900 tons *building* Monfalcone. Dimensions: 359 × 39 × 16 ft. Armament 10—4 inch Skoda, 2 tubes Designed 11 P 30,000 = 32 kts Parsons turbines. Yarrow boilers Coal and oil fuel

K cone. CHINESE IDENTIFICATION AND SIGNAL SILHOUETTES.

J Hai-Chi

L Hai-Yong *class.*

M Fei-Yiko

Q Kien-Wei *class.*

R Kwang-Tino.

T Kiang-Yuano *class*

U Chu-Tai *class*

V Ying-Swei *class*

L Lien Chiang (Admiralty yacht).

CANADA.

AQ Earl Grey.

BG Lady Grey

DG Canada

DH Montcalm.

DI Cartier

DJ Curlew

JG Rainbow

VK Niobe.

INDIAN MARINE.

AQ Minto.

GJ Harbinger

FH Lawrence.

GK Duffering.

GH Northbrook.

NEW ZEALAND.

BG Gayundah *class.*

BH Protector.

RG Encounter.

P Australia.

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AND

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